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PTO/SB/08A (04-03)

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of |3

Complete if Known

Application Number 10/015,440

Filing Date December 13, 2001

First Named Inventor Michael D. Hooven

Art Unit 3739

Examiner Name Rosiland S. Kearney

Attorney Docket Number 0320-0021 (HOOV 121)

			U. S. PATENT	DOCUMENTS		"
Examiner Initials*	r Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
TO	1	Number-Kind Code ^{2 (d known)}	40.07.4000	laborator at al	Tigaros / ppod.	
17	<u>' ' </u>	^{US-} 3,470,875	10-07-1969	Johnson, et al.		
L.1	2	^{US-} 4,312,337	01-26-1982	Donohue, et al.		
	3	^{US-} 5,033,477	07-23-1991	Chin, et al.		
	4	^{US-} 5,071,428	12-10-1991	Chin et al.	RECEIVE	
	5	^{US-} 6,083,222	07-04-2000	Klien, et al.		Rest.
	6	^{US-} 2002/0120263 A1	08-29-2002	Brown, Tony R. et al	OCT 0 2 2003	}
	7	^{US-} 2003/0004507 A1	01-02-2003	Francischelli, et al		
	8	^{US-} 2003/0073991 A1	04-17-2003	Francischelli, et al	TECHNOLOGY CENTER	R3700
	9	^{US-} 6,517,536	02-11-2003	Hooven, Michael D.		
	10	^{US-} 6,546,935	04-15-2003	Hooven, Michael D.		
	11	^{US-} 2003/0125729 A1	07-03-2003	Hooven, Michael D.		
	12	^{US-} 2003/0093068 A1	03-15-2003	Hooven, Michael D.		
	13	^{US-} 2003/0032952 A1	03-13-2003	Hooven, Michael D.		
	14	^{US-} 2003/0018329 A1	01-23-2003	Hooven, Michael D.		
	15	us- 2002/0115993 A1	08-22-02	Hooven, Michael D.		
	16	^{US-} 2002/0107514 A1	08-08-2002	Hooven, Michael D.		
	17	^{US-} 2002/0107513 A1	08-08-2002	Hooven, Michael D.		
	18	^{US-} 2002/0103484 A1	08-01-2002	Hooven, Michael D.		
7	19	^{US-} 2002/0091384 A1	07-11-2002	Hooven, Michael D.		

_		FOREIG	N PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
XX.	20	WO 02 / 087454 A1	11-07-2002	Medtronic, Inc.		
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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	10/015,440				
Filing Date	December 13, 2001				
First Named Inventor	Michael D. Hooven				
Art Unit	3739				
Examiner Name	Rosiland S. Kearney				
Attorney Docket Number	0320-0021 (HOOV 121)				

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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
₽R.	21	^{US-} 2002/0091382 A1	07-11-2002	Hooven, Michael D.	
	22	^{US-} 2002/0032440 A1	03-14-2002	Hooven, Michael D.	
	23	^{US-} 2001/0031961 A1	10-18-2001	Hooven, Michael D.	
	24	^{US-} 6,488,680	12-03-2002	Francischelli et al.	
	25	^{US-} 2002/0120316 A1	08-29-2002	Hooven, Michael D.	
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Sheet 3 of 3

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Application Number	10/015,440			
Filing Date	December 13, 2001			
First Named Inventor	Michael D. Hooven			
Group Art Unit	3739			
Examiner Name	Rosiland S. Kearney			
Attorney Docket Number	HOOV 121 (0320-0021)			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RR	26	BERJANO, ENRIQUE J. et al. "Bipolar Electrosurgery With Long Electrodes for RF Coagulation of Atrial Tissue" Proceedings 19th International Conference - IEEE/EMBS Oct. 30 - Nov. 2, 1997 Chicago, II. USA. pages 2528 - 2530	
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~	<u> </u>	Number-Kind Code ^{2 (d known)}			Figures Appear
140	1	^{US-} 5,323,781	06-28-1994	Ideker et al.	
	2	^{US-} 5,500,012	03-19-1996	Brucker et al.	
	3	^{US-} 5,876,398	03-02-1999	Mulier et al.	
	4	^{US-} 5,891,138	04-06-1999	Tu et al.	
	5	^{US-} 5,897,554	04-27-1999	Chia et al.	
	6	^{US-} 6,033,402	03-07-2000	Tu et al.	
	7	^{US-} 6,064,902	05-16-2000	Haissaguerre et al.	
	8	^{US-} 6,068,653	05-30-2000	LaFontaine	
	9	^{US-} 6,113,595	09-05-2000	Muntermann	
	10	^{US-} 6,117,101	09-12-2000	Diederich et al.	
	11	^{US-} 6,123,703	09-26-2000	Tu et al.	
	12	^{US-} 6,142,994	11-7-2000	Swanson et al.	RECEIVED
	13	^{US-} 6,156,033	12-05-2000	Tu et al.	
	14	^{US-} 6,193,713	02-27-2001	Geistert et al.	DEC 0 4 2003
	15	^{US-} 6,292,678	09-18-2001	Hall et al.	
	16	^{US-} 6,356,790	03-12-2002	Maguire et al.	NOLOGY CENTER R3700
	17	^{US-} 6,447,507	09-10-2002	Bednarek et al.	1 13/00
	18	^{US-} 6,474,340	11-05-2002	Vaska et al.	
1	19	^{US-} 6,488,678	12-03-2002	Sherman	

		FORE	IGN PATENT DOCU	MENTS		
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KK	20	^{US-} 6,506,189	01-14-2003	Rittman, III et al.	
	21	^{US-} 6,575,969	05-10-2003	Rittman, III et al.	
	22	^{US-} 6,610,055	08-26-2003	Swanson et al.	
	23	^{US-} 6,632,222	10-14-2003	Edwards et al.	
	24	^{US-} 6,334,860	01-01-2002	Dorn	
	25	^{US-} 2002/0002329 A1	01-03-2002	Avitall	
	26	^{US-} 2002/0019629 A1	02-14-2002	Dietz et al.	
	27	^{US-} 2002/0115990 A1	08-22-2002	Acker	
	28	^{US-} 2002/0128643 A1	09-12-2002	Simpson et al.	RECEIVED
	29	^{US-} 2002/0082595 A1	06-27-2002	Langberg et al.	
	30	^{US-} 2002/0099364 A1	07-25-2002	Lalonde	DEC 0 4 2003
	31	^{US-} 2003/0009094 A1	01-09-2003	Segner et al.	1
	32	^{US-} 2003/0028187 A1	02-06-2003	Vaska et al.	FECHNOLOGY CENTER R3700
	33	^{US-} 2003/0060822 A1	03-27-2003	Schaer et al.	
	34	us- 2003/0069572 A1	04-10-2003	Wellman et al.	
	35	^{US-} 2003/0069577 A1	04-10-2003	Vaska et al.	
	36	^{US-} 2003/0078570 A1	04-24-2003	Heiner et al.	
	37	^{US-} 2003/0078574 A1	04-24-2003	Hall et al.	
7	38	^{US-} 2003/0093104 A1	05-15-2003	Bonner et al.	

		FORE	GN PATENT DOCU	MENTS		
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iritiais	110.	Number-Kind Code ^{2 (f known)}	WINI-OD-1111	Applicant of Cited Document	Figures Appear		
KB	39	^{US-} 2003/0097124 A1	05-22-2003	Lehmann et al.			
	40	^{US-} 2003/0100895 A1	05-29-2003	Simpson et al.			
	41	^{US-} 2003/0114844 A1	06-19-2003	Ormsby et al.			
	42	^{US-} 2003/0120268 A1	06-26-2003	Bertolero et al.			
	43	^{US-} 2003/0125726 A1	07-03-2003	Maguire et al.			
	44	^{US-} 2003/0125730 A1	07-03-2003	Berube et al.			
	45	^{US-} 2003/0130598 A1	07-10-2003	Manning et al.			
	46	^{US-} 2003/0135207 A1	07-17-2003	Langberg et al.			
	47	^{US-} 2003/0144657 A1	07-31-2003	Bowe et al.			
	48	^{US-} 2003/0158548 A1	08-21-2003	Phan et al.			
	49	^{US-} 2003/0171745 A1	09-11-2003	Francischelli et al.	RECEIVED		
	50	^{US-} 2003/0178032	9-25-2003	Ingle et al.	DEC		
	51	^{US-} 2003/0050557	03-13-2003	Susil et al.	DEC 0 4 2003		
	52	^{US-} 5,125,928	06-30-1992	Parins et al. TECH			
	53	us- 6,332,089	12-18-2001	Acker et al.	NOLOGY CENTER R3700		
	54	^{US-} 6,540,740	04-01-2003	Lehmann et al.	1.5700		
	55	^{US-} 2002/0052602 A1	05-02-2002	Wang et al.			
\neg	56	^{US-} 2003/0045871 A1	03-06-2003	Jain et al.			
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